Bruhat Bangalore Mahanagara Palike
Executive Engineer Project Division Yelahanka

Name of Work: Improvements, Restoration to roads and drains at Dasarahalli, Saraipalya and Rachenahalli Surrounding Areas in ward no. 06

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33,KPWD SR 2018-19)								
	Basic rate	105.00							
	Area Weightage 6%	6.30							
	Total	**111.30**							
	For Drain Desilt	**Sqm**							
	Dasarahalli								
	10th cross (W0911)		2	164.00	0.90		295.20		
	11th cross (W0917)		2	176.00	0.90		316.80		
	12th cross (W0921)		2	186.00	0.90		334.80		
	13th cross (W0927)		2	195.00	0.90		351.00		
	1st cross (W0923)		2	33.00	0.90		59.40		
	2nd cross (W0919)		2	56.00	0.90		100.80		
	3rd cross (W0483)		2	69.00	0.90		124.20		
	10th cross (W0485)		2	195.00	0.90		351.00		
	Sub cross road (W0913)		2	126.00	0.90		226.80		
	Dasarahalli Extension								
	Cross Rd 1 (W0300)		2	143.00	0.90		257.40		
	Cross Rd 2 (W0387)		2	138.00	0.90		248.40		
	Cross Rd 3 (W0585)		2	44.00	0.90		79.20		
	Cross Rd 4 (W0300)		2	67.00	0.90		120.60		
	Cross Rd 5 (W0316)		2	183.00	0.90		329.40		
	Dasarahalli								
	Cross Rd 1 (W0338)		2	47.00	0.90		84.60		
	Cross Rd 2 (W0328)		2	45.00	0.90		81.00		
	Cross Rd 3 (W0322)		2	45.00	0.90		81.00		
	Cross Rd 4 (W0320)		2	46.00	0.90		82.80		
	Cross Rd 5 (W0310)		2	46.00	0.90		82.80		
	Cross Rd 6 (W0306)		2	47.00	0.90		84.60		
	Cross Rd 7 (W0280)		2	69.00	0.90		124.20		
	Cross Rd 8 (W302)		2	125.00	0.90		225.00		
	Cross Rd 9 (W0499)		2	56.00	0.90		100.80		
	Cross Rd 10 (W0590)		2	30.00	0.90		54.00		
	Cross Rd 11 (W0905)		2	69.00	0.90		124.20		
	Maruti Layout								
	12th cross (W0495)		2	510.00	0.90		918.00		
	13th cross (W0491)		2	268.00	0.90		482.40		
	Maruti Layout								
	1st main Rd, LHS								
	1st A cross (W0577)		2	40.00	0.90		72.00		
	2nd A cross (W0573)		2	71.00	0.90		127.80		
	3rd A cross (W0569)		2	93.00	0.90		167.40		
	Cross Rd (W0557)		2	90.00	0.90		162.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Maruti Layout								
	14th cross (W0447)		2	142.00	0.90		255.60		
	5th cross (W0553)		2	173.00	0.90		311.40		
	Sub cross road (W0356)		2	24.00	0.90		43.20		
	6th A cross (W0543)		2	293.00	0.90		527.40		
	4th cross (W0971)		2	127.00	0.90		228.60		
	Sub cross road (W0600)		2	44.00	0.90		79.20		
	3rd cross (W0563)		2	245.00	0.90		441.00		
	1st main Rd, RHS								
	1st cross (W0571)		2	55.00	0.90		99.00		
	2nd cross (W0567)		2	66.00	0.90		118.80		
	3rd cross (W0561)		2	82.00	0.90		147.60		
	4th cross (W0555)		2	58.00	0.90		104.40		
	5th cross (W0545)		2	124.00	0.90		223.20		
	A Cross (W0598)		2	132.00	0.90		237.60		
	18th A cross (W0945)		2	66.00	0.90		118.80		
	18th B cross (W0941)		2	212.00	0.90		381.60		
	18th cross (W0505)		2	118.00	0.90		212.40		
	Sub cross road (W0531)		2	215.00	0.90		387.00		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 6 (W1038)		2	221.00	0.90		397.80		
	Cross Road 7 (W1042)		2	81.00	0.90		145.80		
	Cross Road 8 (W1561)		2	34.00	0.90		61.20		
	Cross Road 9		2	21.00	0.90		37.80		
	Cross Road 11 (W1547)		2	84.00	0.90		151.20		
	Cross Road 22 (W1058)		2	81.00	0.90		145.80		
	Cross Road 23 (W1052)		2	84.00	0.90		151.20		
	Cross Road 24 (W1046)		2	86.00	0.90		154.80		
	Cross Road 38 (W1827)		2	210.00	0.90		378.00		
	Rachenahalli								
	Cross Rd 1		2	127.00	0.90		228.60		
	1st cross (W0699)		2	139.00	0.90		250.20		
	2nd cross (W0691)		2	103.00	0.90		185.40		
	3rd cross (W0683)		2	100.00	0.90		180.00		
	1st cross (W0685)		2	112.00	0.90		201.60		
	2nd cross continued (W0317)		2	167.00	0.90		300.60		
	Cross Rd 2 (W0715)		2	85.00	0.90		153.00		
	Cross Rd 3 (W0656)		2	120.00	0.90		216.00		
	Cross Rd 4 (W0452)		2	130.00	0.90		234.00		
	Cross Rd 5 (W0448)		2	130.00	0.90		234.00		
	Cross Rd 6 (W0444)		2	135.00	0.90		243.00		
	Cross Rd 7(W0222)		2	128.00	0.90		230.40		
	Cross Rd 8 (W0218)		2	129.00	0.90		232.20		
	Cross Rd 9 (W0210)		2	130.00	0.90		234.00		
	Cross Rd 10		2	99.00	0.90		178.20		
	Cross Road A		2	140.00	0.90		252.00		
	Cross Road B		2	144.00	0.90		259.20		
	Cross Road C		2	153.00	0.90		275.40		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road D		2	150.00	0.90		270.00		
	Rachenahalli								
	Sub road (W0460)		2	236.00	0.90		424.80		
	2nd cross (W0669)		2	120.00	0.90		216.00		
	Saraipalya								
	Thanisandra Mn Rd LHS								
	Abubakar Masjid Road(W0976)		2	440.00	0.90		792.00		
	Cross Road A		2	140.00	0.90		252.00		
	Cross Road B		2	152.00	0.90		273.60		
	Cross Road C		2	159.00	0.90		286.20		
	Thanisandra Mn Rd RHS								
	Cross Rd 27(W1795)		2	90.00	0.90		162.00		
	Cross Rd 28		2	181.00	0.90		325.80		
	Cross Rd 31(W1763)		2	177.00	0.90		318.60		
	Cross Rd 32(W1767)		2	119.00	0.90		214.20		
	Cross Rd 34(W1773)		2	196.00	0.90		352.80		
	Vidyasagar Road(W1108)		2	125.00	0.90		225.00		
	Thanisandra Mn Rd RHS								
	Cross Road 5(W0992)		2	587.00	0.90		1056.60		
							21047.40		
	Consider 15%						3157.11		
							3157.11	**111.30**	**351386.34**
2	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-143), 10km lead								
	Basic rate	130.00							
	Area Weightage 6%	7.80							
	Loading and Unloding &	82.60							
	Total	**220.40**							
	Culverts	**Cum**							
	Dasarahalli		10	7.00	1.40	1.00	98.00		
	Rachenahalli		14	6.00	1.40	1.00	117.60		
	Saraipalya		30	6.00	1.40	1.00	252.00		
	For Drain Desilt								
	Dasarahalli								
	10th cross (W0911)		2	164.00	0.60	0.30	59.04		
	11th cross (W0917)		2	176.00	0.60	0.30	63.36		
	12th cross (W0921)		2	186.00	0.60	0.30	66.96		
	13th cross (W0927)		2	195.00	0.60	0.30	70.20		
	1st cross (W0923)		2	33.00	0.60	0.30	11.88		
	2nd cross (W0919)		2	56.00	0.60	0.40	26.88		
	3rd cross (W0483)		2	69.00	0.60	0.40	33.12		
	10th cross (W0485)		2	195.00	0.60	0.40	93.60		
	Sub cross road (W0913)		2	126.00	0.60	0.40	60.48		
	Dasarahalli Extension								
	Cross Rd 1 (W0300)		2	143.00	0.60	0.30	51.48		
	Cross Rd 2 (W0387)		2	138.00	0.60	0.30	49.68		
	Cross Rd 3 (W0585)		2	44.00	0.60	0.30	15.84		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd 4 (W0300)		2	67.00	0.60	0.30	24.12		
	Cross Rd 5 (W0316)		2	183.00	0.60	0.30	65.88		
	Dasarahalli								
	Cross Rd 1 (W0338)		2	47.00	0.60	0.30	16.92		
	Cross Rd 2 (W0328)		2	45.00	0.60	0.30	16.20		
	Cross Rd 3 (W0322)		2	45.00	0.60	0.30	16.20		
	Cross Rd 4 (W0320)		2	46.00	0.60	0.30	16.56		
	Cross Rd 5 (W0310)		2	46.00	0.60	0.30	16.56		
	Cross Rd 6 (W0306)		2	47.00	0.60	0.30	16.92		
	Cross Rd 7 (W0280)		2	69.00	0.60	0.30	24.84		
	Cross Rd 8 (W302)		2	125.00	0.60	0.30	45.00		
	Cross Rd 9 (W0499)		2	56.00	0.60	0.30	20.16		
	Cross Rd 10 (W0590)		2	30.00	0.60	0.30	10.80		
	Cross Rd 11 (W0905)		2	69.00	0.60	0.30	24.84		
	Maruti Layout								
	12th cross (W0495)		2	510.00	0.60	0.40	244.80		
	13th cross (W0491)		2	268.00	0.60	0.40	128.64		
	Maruti Layout								
	1st main Rd, LHS								
	1st A cross (W0577)		2	40.00	0.60	0.30	14.40		
	2nd A cross (W0573)		2	71.00	0.60	0.30	25.56		
	3rd A cross (W0569)		2	93.00	0.60	0.30	33.48		
	Cross Rd (W0557)		2	90.00	0.60	0.30	32.40		
	Maruti Layout								
	14th cross (W0447)		2	142.00	0.60	0.30	51.12		
	5th cross (W0553)		2	173.00	0.60	0.30	62.28		
	Sub cross road (W0356)		2	24.00	0.60	0.30	8.64		
	6th A cross (W0543)		2	293.00	0.60	0.30	105.48		
	4th cross (W0971)		2	127.00	0.60	0.30	45.72		
	Sub cross road (W0600)		2	44.00	0.60	0.30	15.84		
	3rd cross (W0563)		2	245.00	0.60	0.30	88.20		
	1st main Rd, RHS								
	1st cross (W0571)		2	55.00	0.60	0.30	19.80		
	2nd cross (W0567)		2	66.00	0.60	0.30	23.76		
	3rd cross (W0561)		2	82.00	0.60	0.30	29.52		
	4th cross (W0555)		2	58.00	0.60	0.30	20.88		
	5th cross (W0545)		2	124.00	0.60	0.30	44.64		
	A Cross (W0598)		2	132.00	0.60	0.30	47.52		
	18th A cross (W0945)		2	66.00	0.60	0.30	23.76		
	18th B cross (W0941)		2	212.00	0.60	0.30	76.32		
	18th cross (W0505)		2	118.00	0.60	0.30	42.48		
	Sub cross road (W0531)		2	215.00	0.60	0.30	77.40		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 6 (W1038)		2	221.00	0.60	0.40	106.08		
	Cross Road 7 (W1042)		2	81.00	0.60	0.40	38.88		
	Cross Road 8 (W1561)		2	34.00	0.60	0.40	16.32		
	Cross Road 9		2	21.00	0.60	0.40	10.08		
	Cross Road 22 (W1058)		*2*	*81.00*	*0.60*	*0.40*	*38.88*		
	Cross Road 23 (W1052)		2	84.00	0.60	0.40	40.32		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road 24 (W1046)		2	86.00	0.60	0.40	41.28		
	Cross Road 38 (W1827)		2	210.00	0.60	0.40	100.80		
	Saraipalya								
	Thanisandra Mn Rd LHS								
	Abubakar Masjid Road(W0976)		2	440.00	0.60	0.40	211.20		
	Cross Road A		2	140.00	0.60	0.40	67.20		
	Cross Road B		2	152.00	0.60	0.40	72.96		
	Cross Road C		2	159.00	0.60	0.40	76.32		
	Thanisandra Mn Rd RHS								
	Cross Rd 27(W1795)		2	90.00	0.60	0.40	43.20		
	Cross Rd 28		2	181.00	0.60	0.40	86.88		
	Cross Rd 31(W1763)		2	177.00	0.60	0.40	84.96		
	Cross Rd 32(W1767)		2	119.00	0.60	0.40	57.12		
	Cross Rd 34(W1773)		2	196.00	0.60	0.40	94.08		
	Vidyasagar Road(W1108)		2	125.00	0.60	0.40	60.00		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 5(W0992)		2	587.00	0.60	0.40	281.76		
	Rachenahalli								
	Cross Rd 1		2	127.00	0.60	0.40	60.96		
	1st cross (W0699)		2	139.00	0.60	0.40	66.72		
	2nd cross (W0691)		2	103.00	0.60	0.40	49.44		
	3rd cross (W0683)		2	100.00	0.60	0.40	48.00		
	1st cross (W0685)		2	112.00	0.60	0.40	53.76		
	2nd cross continued (W0317)		2	167.00	0.60	0.40	80.16		
	Cross Rd 2 (W0715)		2	85.00	0.60	0.40	40.80		
	Cross Rd 3 (W0656)		2	120.00	0.60	0.40	57.60		
	Cross Rd 4 (W0452)		2	130.00	0.60	0.40	62.40		
	Cross Rd 5 (W0448)		2	130.00	0.60	0.40	62.40		
	Cross Rd 6 (W0444)		2	135.00	0.60	0.40	64.80		
	Cross Rd 7(W0222)		2	128.00	0.60	0.40	61.44		
	Cross Rd 8 (W0218)		2	129.00	0.60	0.40	61.92		
	Cross Rd 9 (W0210)		2	130.00	0.60	0.40	62.40		
	Cross Rd 10		2	99.00	0.60	0.40	47.52		
	Cross Road A		2	140.00	0.60	0.40	67.20		
	Cross Road B		2	144.00	0.60	0.40	69.12		
	Cross Road C		2	153.00	0.60	0.40	73.44		
	Cross Road D		2	150.00	0.60	0.40	72.00		
	RCC Drain								
	Thanisandra Mn Rd LHS								
	Rajmid Masjid Road(W0992)		2	441.00	1.10	1.00	970.20		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 1		2	274.00	1.10	1.00	602.80		
	Cross Road 21		1	150.00	1.10	1.00	165.00		
	Thanisandra Mn Rd LHS								
	A cross								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Sub road 1 (W1000)		1	66.00	0.90	1.00	59.40		
	Sub road 2 (W1000)		1	53.00	0.90	1.00	47.70		
	Sub road 3 (W1479)		1	43.00	0.90	1.00	38.70		
	B cross								
	Sub road 1 (W1471)		1	63.00	0.90	1.00	56.70		
	Sub road 2 (W1471)		1	49.00	0.90	1.00	44.10		
	Sub road 3 (W1469)		1	75.00	0.90	1.00	67.50		
	C cross								
	Sub road 1 (W1463)		1	58.00	0.90	1.00	52.20		
	Sub road 2 (W1463)		1	46.00	0.90	1.00	41.40		
	Sub road 3 (W1461)		1	76.00	0.90	1.00	68.40		
	D cross								
	Sub road 1 (W1455)		1	54.00	0.90	1.00	48.60		
	Sub road 2 (W1455)		1	44.00	0.90	1.00	39.60		
	Sub road 3 (W1451)		1	54.00	0.90	1.00	48.60		
	Cross Road 1 (W0998)		1	50.00	0.90	1.00	45.00		
	Cross Road 2 (W1449)		1	32.00	0.90	1.00	28.80		
	Cross Road 3 (W1445)		1	36.00	0.90	1.00	32.40		
	Cross Road 2 (W1082)		1	174.00	0.90	1.00	156.60		
	Cross Road 10 (W1557)		1	34.00	0.90	1.00	30.60		
	Cross Road 12 (W1547)		1	21.00	0.90	1.00	18.90		
	Cross Road 13 (W1537)		1	34.00	0.90	1.00	30.60		
	Cross Road 14 (W1537)		1	24.00	0.90	1.00	21.60		
	Cross Road 15 (W1533)		1	33.00	0.90	1.00	29.70		
	Cross Road 16 (W1533)		1	44.00	0.90	1.00	39.60		
	Cross Road 17 (W1527)		1	30.00	0.90	1.00	27.00		
	Cross Road 18 (W1527)		1	44.00	0.90	1.00	39.60		
	Cross Road 19 (W1523)		1	28.00	0.90	1.00	25.20		
	Cross Road 20 (W1523)		1	46.00	0.90	1.00	41.40		
	Cross Road 26 (W1805)		1	92.00	0.90	1.00	82.80		
	Cross Road 33 (W1056)		1	74.00	0.90	1.00	66.60		
	Cross Road 36 (W1176)		1	232.00	0.90	1.00	208.80		
	Cross Road 40 (W1190)		1	32.00	0.90	1.00	28.80		
	Cross Road 43 (W1815)		1	31.00	0.90	1.00	27.90		
							8670.96	**220.40**	**1911079.58**
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P.No-27,I No-5.31.2, KPWD SR 2018-19), 10cms thick								
	Basic rate	700.00							
	Area Weightage 6%	42.00							
	Total	**742.00**							
		Sqm							
	10% missing slabs from item no. 01						2104.74		
							2104.74	**742.00**	**1561717.08**
4	KSRB 4-1.2 : Providing and laying in **position plain cement concrete of Mix 1:3:6** with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic rate	5194.00							
	Area Weightage 6%	311.64							
	Total	**5505.64**							
	Culvert	**Cum**							
	Dasarahalli		10	7.00	1.40	0.15	14.70		
	Rachenahalli		14	6.00	1.40	0.15	17.64		
	Saraipalya		30	6.00	1.40	0.15	37.80		
	RCC Drain								
	Thanisandra Mn Rd LHS								
	Rajmid Masjid Road(W0992)		2	441.00	1.10	0.15	145.53		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 1		2	274.00	1.10	0.15	90.42		
	Cross Road 21		1	150.00	1.10	0.15	24.75		
	Thanisandra Mn Rd LHS								
	A cross								
	Sub road 1 (W1000)		1	66.00	0.90	0.15	8.91		
	Sub road 2 (W1000)		1	53.00	0.90	0.15	7.16		
	Sub road 3 (W1479)		1	43.00	0.90	0.15	5.81		
	B cross								
	Sub road 1 (W1471)		1	63.00	0.90	0.15	8.51		
	Sub road 2 (W1471)		1	49.00	0.90	0.15	6.62		
	Sub road 3 (W1469)		1	75.00	0.90	0.15	10.13		
	C cross								
	Sub road 1 (W1463)		1	58.00	0.90	0.15	7.83		
	Sub road 2 (W1463)		1	46.00	0.90	0.15	6.21		
	Sub road 3 (W1461)		1	76.00	0.90	0.15	10.26		
	D cross								
	Sub road 1 (W1455)		1	54.00	0.90	0.15	7.29		
	Sub road 2 (W1455)		1	44.00	0.90	0.15	5.94		
	Sub road 3 (W1451)		1	54.00	0.90	0.15	7.29		
	Cross Road 1 (W0998)		1	50.00	0.90	0.15	6.75		
	Cross Road 2 (W1449)		1	32.00	0.90	0.15	4.32		
	Cross Road 3 (W1445)		1	36.00	0.90	0.15	4.86		
	Cross Road 2 (W1082)		1	174.00	0.90	0.15	23.49		
	Cross Road 10 (W1557)		1	34.00	0.90	0.15	4.59		
	Cross Road 12 (W1547)		1	21.00	0.90	0.15	2.84		
	Cross Road 13 (W1537)		1	34.00	0.90	0.15	4.59		
	Cross Road 14 (W1537)		1	24.00	0.90	0.15	3.24		
	Cross Road 15 (W1533)		1	33.00	0.90	0.15	4.46		
	Cross Road 16 (W1533)		1	44.00	0.90	0.15	5.94		
	Cross Road 17 (W1527)		1	30.00	0.90	0.15	4.05		
	Cross Road 18 (W1527)		1	44.00	0.90	0.15	5.94		
	Cross Road 19 (W1523)		1	28.00	0.90	0.15	3.78		
	Cross Road 20 (W1523)		1	46.00	0.90	0.15	6.21		
	Cross Road 26 (W1805)		1	92.00	0.90	0.15	12.42		
	Cross Road 33 (W1056)		1	74.00	0.90	0.15	9.99		
	Cross Road 36 (W1176)		1	232.00	0.90	0.15	31.32		
	Cross Road 40 (W1190)		1	32.00	0.90	0.15	4.32		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road 43 (W1815)		1	31.00	0.90	0.15	4.19		
							570.06	**5505.64**	**3138545.14**
5	Providing and laying **plain/reinforced cement concrete** for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)								
	Basic rate	6670.00							
	Area Weightage 6%	400.20							
	Total	**7070.20**							
	Culverts Raft	**Cum**							
	Dasarahalli		10	7.00	1.20	0.20	16.80		
	Rachenahalli		14	6.00	1.20	0.20	20.16		
	Saraipalya		30	6.00	1.20	0.20	43.20		
	Culverts Wall								
	Dasarahalli		20	7.00	0.23	0.60	19.32		
	Rachenahalli		28	6.00	0.23	0.60	23.18		
	Saraipalya		60	6.00	0.23	0.60	49.68		
	RCC Drain								
	Raft								
	Thanisandra Mn Rd LHS								
	Rajmid Masjid Road(W0992)		2	441.00	0.90	0.15	119.07		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 1		2	274.00	0.90	0.15	73.98		
	Cross Road 21		1	150.00	0.90	0.15	20.25		
	Thanisandra Mn Rd LHS								
	A cross								
	Sub road 1 (W1000)		1	66.00	0.75	0.15	7.43		
	Sub road 2 (W1000)		1	53.00	0.75	0.15	5.96		
	Sub road 3 (W1479)		1	43.00	0.75	0.15	4.84		
	B cross								
	Sub road 1 (W1471)		1	63.00	0.75	0.15	7.09		
	Sub road 2 (W1471)		1	49.00	0.75	0.15	5.51		
	Sub road 3 (W1469)		1	75.00	0.75	0.15	8.44		
	C cross								
	Sub road 1 (W1463)		1	58.00	0.75	0.15	6.53		
	Sub road 2 (W1463)		1	46.00	0.75	0.15	5.18		
	Sub road 3 (W1461)		1	76.00	0.75	0.15	8.55		
	D cross								
	Sub road 1 (W1455)		1	54.00	0.75	0.15	6.08		
	Sub road 2 (W1455)		1	44.00	0.75	0.15	4.95		
	Sub road 3 (W1451)		1	54.00	0.75	0.15	6.08		
	Cross Road 1 (W0998)		1	50.00	0.75	0.15	5.63		
	Cross Road 2 (W1449)		1	32.00	0.75	0.15	3.60		
	Cross Road 3 (W1445)		1	36.00	0.75	0.15	4.05		
	Cross Road 2 (W1082)		1	174.00	0.75	0.15	19.58		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road 10 (W1557)		1	34.00	0.75	0.15	3.83		
	Cross Road 12 (W1547)		1	21.00	0.75	0.15	2.36		
	Cross Road 13 (W1537)		1	34.00	0.75	0.15	3.83		
	Cross Road 14 (W1537)		1	24.00	0.75	0.15	2.70		
	Cross Road 15 (W1533)		1	33.00	0.75	0.15	3.71		
	Cross Road 16 (W1533)		1	44.00	0.75	0.15	4.95		
	Cross Road 17 (W1527)		1	30.00	0.75	0.15	3.38		
	Cross Road 18 (W1527)		1	44.00	0.75	0.15	4.95		
	Cross Road 19 (W1523)		1	28.00	0.75	0.15	3.15		
	Cross Road 20 (W1523)		1	46.00	0.75	0.15	5.18		
	Cross Road 26 (W1805)		1	92.00	0.75	0.15	10.35		
	Cross Road 33 (W1056)		1	74.00	0.75	0.15	8.33		
	Cross Road 36 (W1176)		1	232.00	0.75	0.15	26.10		
	Cross Road 40 (W1190)		1	32.00	0.75	0.15	3.60		
	Cross Road 43 (W1815)		1	31.00	0.75	0.15	3.49		
	Wall								
	Thanisandra Mn Rd LHS								
	Rajmid Masjid Road(W0992)		4	441.00	0.15	0.60	158.76		
	Thanisandra Mn Rd RHS								
	Cross Road 1		4	274.00	0.15	0.60	98.64		
	Cross Road 21		2	150.00	0.15	0.60	27.00		
	Thanisandra Mn Rd LHS								
	A cross								
	Sub road 1 (W1000)		2	66.00	0.15	0.60	11.88		
	Sub road 2 (W1000)		2	53.00	0.15	0.60	9.54		
	Sub road 3 (W1479)		2	43.00	0.15	0.60	7.74		
	B cross								
	Sub road 1 (W1471)		2	63.00	0.15	0.60	11.34		
	Sub road 2 (W1471)		2	49.00	0.15	0.60	8.82		
	Sub road 3 (W1469)		2	75.00	0.15	0.60	13.50		
	C cross								
	Sub road 1 (W1463)		2	58.00	0.15	0.60	10.44		
	Sub road 2 (W1463)		2	46.00	0.15	0.60	8.28		
	Sub road 3 (W1461)		2	76.00	0.15	0.60	13.68		
	D cross								
	Sub road 1 (W1455)		2	54.00	0.15	0.60	9.72		
	Sub road 2 (W1455)		2	44.00	0.15	0.60	7.92		
	Sub road 3 (W1451)		2	54.00	0.15	0.60	9.72		
	Cross Road 1 (W0998)		2	50.00	0.15	0.60	9.00		
	Cross Road 2 (W1449)		2	32.00	0.15	0.60	5.76		
	Cross Road 3 (W1445)		2	36.00	0.15	0.60	6.48		
	Cross Road 2 (W1082)		2	174.00	0.15	0.60	31.32		
	Cross Road 10 (W1557)		2	34.00	0.15	0.60	6.12		
	Cross Road 12 (W1547)		2	21.00	0.15	0.60	3.78		
	Cross Road 13 (W1537)		2	34.00	0.15	0.60	6.12		
	Cross Road 14 (W1537)		2	24.00	0.15	0.60	4.32		
	Cross Road 15 (W1533)		2	33.00	0.15	0.60	5.94		
	Cross Road 16 (W1533)		2	44.00	0.15	0.60	7.92		
	Cross Road 17 (W1527)		2	30.00	0.15	0.60	5.40		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road 18 (W1527)		2	44.00	0.15	0.60	7.92		
	Cross Road 19 (W1523)		2	28.00	0.15	0.60	5.04		
	Cross Road 20 (W1523)		2	46.00	0.15	0.60	8.28		
	Cross Road 26 (W1805)		2	92.00	0.15	0.60	16.56		
	Cross Road 33 (W1056)		2	74.00	0.15	0.60	13.32		
	Cross Road 36 (W1176)		2	232.00	0.15	0.60	41.76		
	Cross Road 40 (W1190)		2	32.00	0.15	0.60	5.76		
	Cross Road 43 (W1815)		2	31.00	0.15	0.60	5.58		
							1188.35	**7070.20**	**8401900.45**
6	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I No-28.8.2,P No-229)								
	Basic rate	68223.00							
	Area Weightage 6%	4093.38							
	Total	**72316.38**							
	Consider 90kg/Cum for	**Tn**	1	172.34	90.00		15510.96		
	Consider 60kg/Cum for		1	1016.01	60.00		60960.60		
							76471.56		
							76.47	**72316.38**	**5530146.39**
7	Providing and Fixing **pre cast covering Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Basic rate	2337.00							
	RCC Drain	**Sqm**							
	Saraipalya								
	Thanisandra Mn Rd LHS								
	Rajmid Masjid Road(W0992)		2	441.00	0.90		793.80		
	Thanisandra Mn Rd RHS								
	Cross Road 1		2	274.00	0.90		493.20		
	Cross Road 21		1	150.00	0.90		135.00		
	Thanisandra Mn Rd LHS								
	A cross								
	Sub road 1 (W1000)		1	66.00	0.75		49.50		
	Sub road 2 (W1000)		1	53.00	0.75		39.75		
	Sub road 3 (W1479)		1	43.00	0.75		32.25		
	B cross								
	Sub road 1 (W1471)		1	63.00	0.75		47.25		
	Sub road 2 (W1471)		1	49.00	0.75		36.75		
	Sub road 3 (W1469)		1	75.00	0.75		56.25		
	C cross								
	Sub road 1 (W1463)		1	58.00	0.75		43.50		
	Sub road 2 (W1463)		1	46.00	0.75		34.50		
	Sub road 3 (W1461)		1	76.00	0.75		57.00		
	D cross								
	Sub road 1 (W1455)		1	54.00	0.75		40.50		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Sub road 2 (W1455)		1	44.00	0.75		33.00		
	Sub road 3 (W1451)		1	54.00	0.75		40.50		
	Cross Road 1 (W0998)		1	50.00	0.75		37.50		
	Cross Road 2 (W1449)		1	32.00	0.75		24.00		
	Cross Road 3 (W1445)		1	36.00	0.75		27.00		
	Cross Road 2 (W1082)		1	174.00	0.75		130.50		
	Cross Road 10 (W1557)		1	34.00	0.75		25.50		
	Cross Road 12 (W1547)		1	21.00	0.75		15.75		
	Cross Road 13 (W1537)		1	34.00	0.75		25.50		
	Cross Road 14 (W1537)		1	24.00	0.75		18.00		
	Cross Road 15 (W1533)		1	33.00	0.75		24.75		
	Cross Road 16 (W1533)		1	44.00	0.75		33.00		
	Cross Road 17 (W1527)		1	30.00	0.75		22.50		
	Cross Road 18 (W1527)		1	44.00	0.75		33.00		
	Cross Road 19 (W1523)		1	28.00	0.75		21.00		
	Cross Road 20 (W1523)		1	46.00	0.75		34.50		
	Cross Road 26 (W1805)		1	92.00	0.75		69.00		
	Cross Road 33 (W1056)		1	74.00	0.75		55.50		
	Cross Road 36 (W1176)		1	232.00	0.75		174.00		
	Cross Road 40 (W1190)		1	32.00	0.75		24.00		
	Cross Road 43 (W1815)		1	31.00	0.75		23.25		
							2751.00	**2337.00**	**6429087.00**
8	Providing and Fixing **pre cast covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Data rate	**5418.00**							
	Culverts Raft	**Sqm**							
	Dasarahalli		10	7.00	1.20		84.00		
	Rachenahalli		14	6.00	1.20		100.80		
	Saraipalya		30	6.00	1.20		216.00		
							400.80	**5418.00**	**2171534.40**
9	KSRRB M300-14. **Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143,KPWD SR 2018-19), 10kms lead								
	Basic rate	41.00							
	Area Weightage 6%	2.46							
	Loading and Unloding & Lead	25.60							
	Total	**69.06**							
		Cum							
	Pipeline Cut Portion								
	Dasarahalli								
	10th cross (W0911)		2	164.00	0.90	0.30	88.56		
	11th cross (W0917)		2	176.00	0.90	0.30	95.04		
	12th cross (W0921)		2	186.00	0.90	0.30	100.44		
	13th cross (W0927)		2	195.00	0.90	0.30	105.30		
	1st cross (W0923)		2	33.00	0.90	0.30	17.82		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	2nd cross (W0919)		2	56.00	0.90	0.30	30.24		
	3rd cross (W0483)		2	69.00	0.90	0.30	37.26		
	10th cross (W0485)		2	195.00	0.90	0.30	105.30		
	Sub cross road (W0913)		2	126.00	0.90	0.30	68.04		
	Maruti Layout								
	12th cross (W0495)		2	510.00	0.90	0.30	275.40		
	13th cross (W0491)		2	268.00	0.90	0.30	144.72		
	New Formation								
	Dasarahalli Extension								
	Cross Rd 1 (W0300)		1	143.00	6.30	0.30	270.27		
	Cross Rd 2 (W0387)		1	138.00	6.00	0.30	248.40		
	Cross Rd 3 (W0585)		1	44.00	5.50	0.30	72.60		
	Cross Rd 4 (W0300)		1	67.00	5.20	0.30	104.52		
	Cross Rd 5 (W0316)		1	183.00	5.80	0.30	318.42		
	Dasarahalli								
	Cross Rd 1 (W0338)		1	47.00	6.50	0.30	91.65		
	Cross Rd 2 (W0328)		1	45.00	6.50	0.30	87.75		
	Cross Rd 3 (W0322)		1	45.00	6.00	0.30	81.00		
	Cross Rd 4 (W0320)		1	46.00	6.00	0.30	82.80		
	Cross Rd 5 (W0310)		1	46.00	6.00	0.30	82.80		
	Cross Rd 6 (W0306)		1	47.00	6.50	0.30	91.65		
	Cross Rd 7 (W0280)		1	69.00	5.00	0.30	103.50		
	Cross Rd 8 (W302)		1	125.00	5.90	0.30	221.25		
	Cross Rd 9 (W0499)		1	56.00	4.50	0.30	75.60		
	Cross Rd 10 (W0590)		1	30.00	5.00	0.30	45.00		
	Cross Rd 11 (W0905)		1	69.00	4.60	0.30	95.22		
	Maruti Layout								
	1st main Rd, LHS								
	1st A cross (W0577)		1	40.00	5.50	0.30	66.00		
	2nd A cross (W0573)		1	71.00	6.00	0.30	127.80		
	3rd A cross (W0569)		1	93.00	5.20	0.30	145.08		
	Cross Rd (W0557)		1	90.00	5.40	0.30	145.80		
	New Formation								
	Rachenahalli								
	Cross Rd 1		1	127.00	5.80	0.30	220.98		
	1st cross (W0699)		1	139.00	5.00	0.30	208.50		
	2nd cross (W0691)		1	103.00	5.00	0.30	154.50		
	3rd cross (W0683)		1	100.00	5.20	0.30	156.00		
	1st cross (W0685)		1	112.00	4.80	0.30	161.28		
	2nd cross continued (W0317)		1	167.00	5.50	0.30	275.55		
	Cross Rd 2 (W0715)		1	85.00	6.10	0.30	155.55		
	Cross Rd 3 (W0656)		1	120.00	6.60	0.30	237.60		
	Cross Rd 4 (W0452)		1	130.00	6.50	0.30	253.50		
	Cross Rd 5 (W0448)		1	130.00	6.50	0.30	253.50		
	Cross Rd 6 (W0444)		1	135.00	6.20	0.30	251.10		
	Cross Rd 7(W0222)		1	128.00	5.40	0.30	207.36		
	Cross Rd 8 (W0218)		1	129.00	6.00	0.30	232.20		
	Cross Rd 9 (W0210)		1	130.00	6.00	0.30	234.00		
	Cross Rd 10		1	99.00	6.50	0.30	193.05		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Road A		1	140.00	5.50	0.30	231.00		
	Cross Road B		1	144.00	5.50	0.30	237.60		
	Cross Road C		1	153.00	5.50	0.30	252.45		
	Cross Road D		1	150.00	5.50	0.30	247.50		
	Anjanadri Layout								
	Cross Rd 2		1	24.00	4.20	0.30	30.24		
	Cross Rd 3		1	49.00	5.00	0.30	73.50		
	Saraipalya								
	Thanisandra Mn Rd RHS								
	Cross Road 2 (W1082)		1	172.00	5.00	0.30	258.00		
	Cross Road 6 (W1038)		1	221.00	5.80	0.30	384.54		
	Cross Road 7 (W1042)		1	81.00	5.20	0.30	126.36		
	Cross Road 8 (W1561)		1	34.00	5.40	0.30	55.08		
	Cross Road 9		1	21.00	5.20	0.30	32.76		
	Cross Road 10 (W1557)		1	34.00	4.70	0.30	47.94		
	Cross Road 11 (W1547)		1	84.00	6.00	0.30	151.20		
	Cross Road 12 (W1547)		1	21.00	5.50	0.30	34.65		
	Cross Road 13 (W1537)		1	34.00	5.50	0.30	56.10		
	Cross Road 14 (W1537)		1	24.00	5.50	0.30	39.60		
	Cross Road 15 (W1533)		1	33.00	5.20	0.30	51.48		
	Cross Road 16 (W1533)		1	44.00	5.30	0.30	69.96		
	Cross Road 17 (W1527)		1	30.00	5.50	0.30	49.50		
	Cross Road 18 (W1527)		1	44.00	5.30	0.30	69.96		
	Cross Road 19 (W1523)		1	28.00	5.20	0.30	43.68		
	Cross Road 20 (W1523)		1	46.00	5.50	0.30	75.90		
	Cross Road 21 (W1517)		1	150.00	5.00	0.30	225.00		
	Cross Road 22 (W1058)		1	81.00	5.00	0.30	121.50		
	Cross Road 23 (W1052)		1	84.00	4.70	0.30	118.44		
	Cross Road 24 (W1046)		1	86.00	4.20	0.30	108.36		
	Cross Road 26 (W1805)		1	92.00	4.40	0.30	121.44		
	Cross Road 33 (W1056)		1	74.00	4.40	0.30	97.68		
	Cross Road 36 (W1176)		1	232.00	5.00	0.30	348.00		
	Cross Road 38 (W1827)		1	210.00	5.00	0.30	315.00		
	Cross Road 40 (W1190)		1	32.00	4.30	0.30	41.28		
	Cross Road 43 (W1815)		1	31.00	4.20	0.30	39.06		
							10974.66	**69.06**	**757910.02**
10	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications.(P.No-146,I No-19.52)								
	Basic rate	39.00							
	Area Weightage 6%	2.34							
	Total	**41.34**							
		Sqm							
	Scarifying Roads								
	Dasarahalli								
	4th cross (W0461)		1	148.00	5.20		769.60		
	5th cross (W0465)		1	334.00	5.80		1937.20		
	6th cross (W0471)		1	387.00	6.20		2399.40		
	7th cross (W0475)		1	379.00	6.00		2274.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	9th cross (W0479)		1	338.00	4.50		1521.00		
	Sub cross road		1	37.00	4.80		177.60		
	10th cross (W0909)		1	63.00	5.50		346.50		
	11th cross (W0915)		1	59.00	5.60		330.40		
	12th cross (W0919)		1	49.00	5.20		254.80		
	13th cross (W0925)		1	40.00	5.60		224.00		
	Cross Rd 12 (W0939)		1	256.00	4.50		1152.00		
	Cross Rd 13 (W0586)		1	28.00	4.80		134.40		
	Cross Rd 14 (W0588)		1	32.00	5.20		166.40		
	Cross Rd 15 (W0594)		1	32.00	5.00		160.00		
	Cross Rd 16 (W093)		1	65.00	4.50		292.50		
	Cross Rd 17 (W901)		1	57.00	5.00		285.00		
	Maruti Layout								
	14th cross (W0447)		1	142.00	6.00		852.00		
	5th cross (W0553)		1	173.00	5.20		899.60		
	Sub cross road (W0356)		1	24.00	5.20		124.80		
	6th A cross (W0543)		1	293.00	5.10		1494.30		
	4th cross (W0971)		1	127.00	5.00		635.00		
	Sub cross road (W0600)		1	44.00	4.60		202.40		
	3rd cross (W0563)		1	245.00	5.50		1347.50		
	1st main Rd, RHS								
	1st cross (W0571)		1	55.00	5.20		286.00		
	2nd cross (W0567)		1	66.00	5.30		349.80		
	3rd cross (W0561)		1	82.00	6.50		533.00		
	4th cross (W0555)		1	58.00	5.50		319.00		
	5th cross (W0545)		1	124.00	5.50		682.00		
	A Cross (W0598)		1	132.00	5.20		686.40		
	18th A cross (W0945)		1	66.00	5.60		369.60		
	18th B cross (W0941)		1	212.00	5.60		1187.20		
	18th cross (W0505)		1	118.00	6.00		708.00		
	Sub cross road (W0531)		1	215.00	5.80		1247.00		
	Rachenahalli								
	Sub road (W0460)		1	236.00	6.20		1463.20		
	2nd cross (W0669)		1	120.00	5.00		600.00		
	Anjanadri Layout								
	Cross Rd 8 (W1189)		1	125.00	4.20		525.00		
	Cross Rd 9 (W1179)		1	116.00	4.40		510.40		
	Cross Rd 10(W1169)		1	116.00	4.80		556.80		
	Cross Rd 11(W1159)		1	117.00	4.80		561.60		
	Cross Rd 12(W1151)		1	45.00	4.00		180.00		
	Cross Rd 13(W1155)		1	73.00	4.40		321.20		
	Cross Rd 14(W1147)		1	92.00	4.00		368.00		
	5th cross		1	72.00	5.40		388.80		
	Sub cross road		1	30.00	5.30		159.00		
	Sub cross road		1	30.00	5.30		159.00		
	6th cross		1	59.00	4.00		236.00		
	Wajid Layout								
	Cross Road(W0278)		1	278.00	6.00		1668.00		
	Thanisandra Mn Rd LHS								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Rajmid Masjid Road(W0992)		1	441.00	5.30		2337.30		
	Abubakar Masjid Road(W0976)		1	440.00	5.70		2508.00		
	Railway Mens Layout								
	1st main Rd		1	189.00	6.00		1134.00		
	2nd main Rd(W0190)		1	270.00	5.60		1512.00		
	3rd main Rd(W0194)		1	157.00	6.00		942.00		
	4th main Rd(W0200)		1	74.00	6.00		444.00		
	5th main Rd(W0254)		1	284.00	5.40		1533.60		
	Saraipalya								
	Cross Road A		1	140.00	4.60		644.00		
	Cross Road B		1	152.00	4.60		699.20		
	Cross Road C		1	159.00	4.60		731.40		
	Thanisandra Mn Rd RHS								
	Cross Rd 27(W1795)		1	90.00	4.10		369.00		
	Cross Rd 28		1	181.00	6.00		1086.00		
	Cross Rd 31(W1763)		1	177.00	5.50		973.50		
	Cross Rd 32(W1767)		1	119.00	5.00		595.00		
	Cross Rd 34(W1773)		1	196.00	4.80		940.80		
	Vidyasagar Road(W1108)		1	125.00	5.60		700.00		
							49195.20	**41.34**	**2033729.57**
11	Providing, laying, spreading and compacting Stone dust / Grit 4.75 mm to 0.075 mm specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers. (P.No-II,Sl No-45)								
	Basic rate	1000.00							
	Area Weightage 6%	60.00							
	Total	**1060.00**							
		Cum							
	Dasarahalli								
	4th cross (W0461)		2	148.00	0.90	0.300	79.92		
	5th cross (W0465)		2	334.00	0.90	0.300	180.36		
	6th cross (W0471)		2	387.00	0.90	0.300	208.98		
	7th cross (W0475)		2	379.00	0.90	0.300	204.66		
	9th cross (W0479)		2	338.00	0.90	0.300	182.52		
	Sub cross road		2	37.00	0.90	0.300	19.98		
	10th cross (W0909)		2	63.00	0.90	0.300	34.02		
	11th cross (W0915)		2	59.00	0.90	0.300	31.86		
	12th cross (W0919)		2	49.00	0.90	0.300	26.46		
	13th cross (W0925)		2	40.00	0.90	0.300	21.60		
	Cross Rd 12 (W0939)		2	256.00	0.90	0.300	138.24		
	Cross Rd 13 (W0586)		2	28.00	0.90	0.300	15.12		
	Cross Rd 14 (W0588)		2	32.00	0.90	0.300	17.28		
	Cross Rd 15 (W0594)		2	32.00	0.90	0.300	17.28		
	Cross Rd 16 (W093)		2	65.00	0.90	0.300	35.10		
	Cross Rd 17 (W901)		2	57.00	0.90	0.300	30.78		
	Maruti Layout								
	14th cross (W0447)		2	142.00	0.90	0.300	76.68		
	5th cross (W0553)		2	173.00	0.90	0.300	93.42		